

## DOCUMENT MODIFICATION REQUEST (DMR)

PAGE 1 of 1

Refer to 1-A01-PPG-001 for Processing Instructions.  
Printor Type All Information (Except Signatures).

1. Date

5/02/95

25.

DMR No. 95-DMR-000331

5-16-95

2. Existing Document Number/Revision

4-K56-ENV-OPS-FO.08, Revision 3

3. New Document Number or Document Number if it is to be changed with this Revision

4. Originator's Name/Phone/Pager/Location

Ed Keil, x8642, Bldg.080

5. Document Title

Monitoring and Containerizing Drilling Fluids and Cuttings

6. Document Type

☒ Procedure☐ Other

7. Document Modification Type (Check only one)

☐ New☐ Revision☐ Intent Change☒ Nonintent Change☐ Editorial Correction☐ Cancellation

8. Item

9. Page

10. Step

11. Proposed Modifications

1

14

6.3[4]

Delete "potentially" from second line.

12. Justification (Reason for Modification, EJO #, TP #, etc.)

To ACCURATELY REFLECT CURRENT PRACTICE.

5-16-95

If modification is for a new procedure or a revision, list concurring disciplines in Block 13, and enter N/A in Blocks 14 and 15. If modification is for any type of change or a cancellation, organizations are listed in Block 13, then Concurror prints, and signs in Block 14, and dates in Block 15.

13. Organization

14. Print, Sign (if applicable)

15. Date (if applicable)

Data Management and Reporting Services

Environmental Operations Management

Industrial Hygiene

Occupational Safety

Radiological Engineering

Quality Assurance

Training not required

16. Originator's Supervisor (print/sign/date)

T. P. O'Rourke

signed SME/Phone/Pager/Location

A. Keil, x8642/p4405, Bldg. 080

18. Cost Center

0248

19. Charge Number

989372-00

20. Requested Completion Date

5/22/95

21. Effective Date

6/2/95 5/22/95

22. Accelerated Review?

Yes ☐ No ☒

23. ORC Review

N/A

24. Responsible Manager (print/sign/date)

M. C. Broussard

5-15-95

RF-47940 (5/93)

DOCUMENT  
REVIEW CLASSIFICATION  
CLASSIFICATION OFFICE

REVIEWED FOR CLASSIFICATION / UCN

BY

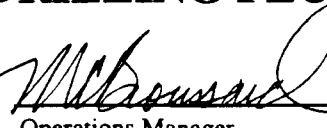
DATE

**Rocky Flats  
Environmental Technology Site  
4-K56-ENV-OPS-FO.08**

**REVISION 3**

**MONITORING AND CONTAINERIZING  
DRILLING FLUIDS AND CUTTINGS**

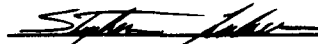
APPROVED BY:



Operations Manager  
Environmental Operations Management

M. C. Broussard  
Print Name

10/28/95  
Date



Quality Assurance  
Manager,  
Data Management and Reporting Services

S. LUKER  
Print Name

2.28.95  
Date

DOE RFFO/ER Concurrence on file:

☒ Yes ☐ No ☐ NA

Environmental Protection Agency Approval Received:

☐ Yes ☒ No ☐ NA

Responsible Organization:

Environmental Restoration Program Division

Effective Date:

4/17/95 *ab*

CONCURRENCE BY THE FOLLOWING DISCIPLINES WILL BE DOCUMENTED IN THE  
PROCEDURE HISTORY FILE:

Data Management and Reporting Services  
ERPD Environmental Operations Management  
ERPD Solar Ponds Project

Industrial Hygiene  
Occupational Safety  
Radiological Health and Engineering

**USE CATEGORY 3**

ORC review not required

The following have been incorporated in this revision:

94-DMR-000799

DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE

This procedure supersedes procedure 5-21000-OPS-FO.08, Revision 2.

Periodic review frequency: 3 years from the effective date

Background Information: No Site procedure exists that will fulfill the requirements of this document. Good management practice requires proper methods of managing investigation derived materials (IDM) that are generated during environmental investigations. The IAG requires a procedural framework for developing, implementing, and monitoring appropriate response actions at the site in accordance with CERCLA, RCRA, and CHWA, implementing regulations of these statutes, including the NCP, and CERCLA, RCRA, and CHWA guidance and policy.

**LIST OF EFFECTIVE PAGES**

<u>Pages</u>	<u>Effective Date</u>	<u>Change Number</u>
1	Working Copy	94-DMR-000799
2	<u>05/22/95</u>	94-DMR-000331
3-13	Working Copy	94-DMR-000799
14	<u>05/22/95</u>	94-DMR-000331
15-24	Working Copy	94-DMR-000799

TOTAL NUMBER OF PAGES: 24

6.3 **IDM**

Various types of IDM are generated during environmental investigation field activities. Solid IDM generated during field activities include soil and sediment drill cuttings. Liquid IDM generated during field activities include drilling fluids, decontamination and wash water, and residual groundwater and surface water samples. Disposable PPE, although not IDM, is also generated during field activities. PPE will be handled in accordance with 5-21000-OPS-FO.06, Handling of Personal Protective Equipment.

**WARNING**

**Drums filled with contents that have been designated as potentially hazardous through the preliminary hazardous waste determination shall not be stored overnight at a borehole location. These drums should be transferred to the custody of Rocky Flats ERPD EOM personnel on the day filled in accordance with 4-K56-ENV-OPS-FO.10. Improper storage of these drums can potentially result in noncompliance with state and federal regulations, contamination of personnel, equipment, and surrounding areas.**

**Subcontractor Field Personnel or Rocky Flats Personnel**

- [1] **IF** based on hazardous waste determination, in accordance with this procedure, 4-C77-WO-1101, or 4-D99-WO-1100, the site is known to potentially contain low-level or mixed (low-level radioactive and RCRA-regulated) radioactive solid or liquid IDM, **THEN** containerize the IDM resulting from the drilling operations in white 55-gal drums in accordance with 4-D99-WO-1100 and 4-C77-WO-1101.
- [2] **IF** based on hazardous waste determination, in accordance with this procedure, the site is known to potentially contain non-radioactive, non-RCRA, and non-TSCA soil or sediment IDM, **THEN** containerize the soil and sediment IDM resulting from the drilling operation in gray 55-gal or 30-gal drums in accordance with 1-C88-WP-1027-NONRAD.
- [3] **IF** based on hazardous waste determination, in accordance with this procedure or 1-C88-WP-1027-NONRAD, the site is known to potentially contain non-radioactive, non-RCRA and non-TSCA non-solid IDM wastes (e.g., drilling fluids), **THEN** containerize the wastes resulting from the drilling operation in green 55-gal drums or other appropriately sized containers in accordance with 1-C88-WP-1027-NONRAD.

6.3 IDM (continued)

- 95-DMR - 000331
- [4] IF based on hazardous waste determination, in accordance with this procedure or 1-C88-WP-1027-NONRAD, the site is known to contain non-radioactive, RCRA and/or TSCA solid or liquid IDM,  
THEN containerize the IDM resulting from the drilling operations in black/white 55-gal drums in accordance with 1-C88-WP-1027-NONRAD.

**Rocky Flats ERPD EOM and Subcontractor Field Personnel or Rocky Flats Personnel**

- [5] Manage soil and sediment IDM in accordance with 4-F99-ENV-OPS-FO.23.

**Rocky Flats Project Manager**

- [6] Evaluate disposition of soil and sediment IDM in accordance with 4-H46-ENV-OPS-FO.29, Disposition of Soil and Sediment IDM.

**Rocky Flats ERPD EOM Personnel and Subcontractor Field Personnel**

- [7] Manage PPE in accordance with 5-21000-OPS-FO.06.
- [8] Manage and dispose of drilling fluids in accordance with directions received from the Rocky Flats Project Manager and Rocky Flats ERPD EOM personnel.
- [9] Manage decontamination and wash water in accordance with 5-21000-OPS-FO.07, Handling of Decontamination Water and Wash Water.
- [10] Manage and dispose of residual groundwater and surface water samples in accordance with directions received from the Rocky Flats Project Manager and Rocky Flats ERPD EOM personnel.
- [11] IF drill cuttings generated during geophysical surveys or soil gas surveys were monitored with field screening instruments,  
AND if NOT in an IHSS, PAC, or ACC,  
AND if there were no positive detects above background,  
THEN send drill cuttings to the sanitary landfill with proper documentation,  
AND will not be containerized in drums.
- [12] IF drill cuttings generated during geophysical surveys or soil gas surveys have positive detects for radioactive or volatile organic compounds above background,  
THEN halt all job activity,  
AND contact the subcontractor Project Manager and Rocky Flats Project Manager,  
AND drum the material as per Steps [1], [2], or [3].